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1927

I.H. Coll.

ITINERARY  
ANNUAL INSPECTION TRIP  
OF THE  
COLLEGE OF ENGINEERING  
UNIVERSITY OF ILLINOIS



URBANA, ILLINOIS

1927



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# ANNUAL INSPECTION TRIP

## COLLEGE OF ENGINEERING

## UNIVERSITY OF ILLINOIS

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### GENERAL DIRECTIONS

#### Be Prompt

ALL MEMBERS of the party are required to report promptly at the appointed time and place. Instructors will call the roll at each place visited and any student absent from roll call will not be permitted to join the party until the time for the next event on the itinerary. Absence from roll call is sufficient justification for the dismissal of the student from the party, and for reporting him to the proper authorities at the University.

Hotel arrangements for the party will be made in advance. Students may be permitted to make other arrangements for lodging when such request seems reasonable to the instructor in charge. Report of all such changes in the lodging will be made by the instructors in charge at the close of the trip.

#### Be Courteous

Permission to visit the several places listed in the itinerary is a courtesy extended to the University which involves some expense and trouble to the management of these companies. Members of the party should be appreciative of this fact and conduct themselves properly as representatives of the University. It is particularly desirable that everyone refrain from smoking within the confines of the plants visited and that all fully observe posted regulations.

Any student who fails to conduct himself properly during an inspection trip will be reported to the University Committee on Discipline.

Since the University can have no proper control over others than those in regular attendance during these trips, friends of students will not be allowed to accompany the party except by permission previously obtained from the instructor in charge. This privilege will be extended only in rare instances and when the reasons for the request seem fully sufficient.

### **Be Careful**

While members of the faculty who are in immediate charge of these trips will make every effort to provide for the comfort and safety of the students in the party, there is, of course, some slight element of personal danger on railway trains, street cars, and in plants visited. Neither the owners of the plants visited, the University, nor members of the faculty can assume any responsibility for accidents which may occur to students during the trip. Proper care and deportment at all times will greatly reduce the possibility of accidents.

### **Be Observing**

Inspection trips are required because it is believed that the educational advantages resulting from the inspection of large industrial enterprises fully justify the time and expense involved. To realize this ideal, however, students must use every endeavor to secure a correct impression of the places visited, an appreciation of the general nature of the plant inspected and of its product, rather than of minor details.

Each student will be required to submit an acceptable report of the trip to the head of his department or to pass an examination to determine the extent and accuracy of the information secured, on or before December 1, 1927.

## Railroad and Hotel Service

Regular trains leave Champaign for Chicago at 5:52 p. m., Tuesday, Nov. 2, from the Illinois Central station. Special return railroad rates have been granted: one and one-half fares, returning not later than 12:01 a. m., Monday, Nov. 7.

The Chicago headquarters during the trip will be at the Fort Dearborn Hotel, corner of Van Buren and La Salle streets. The rates will be as follows:

Single room with bath.....	\$2.45
Single room without bath.....	1.95
Double room with bath.....	3.50
Double room without bath.....	3.00
Three in a room with bath.....	5.00
Three in a room without bath.....	4.50
Four in a room with bath.....	6.00
Four in a room without bath.....	5.50

The Milwaukee headquarters will be at the Pfister Hotel. The rate will be as follows:

Four in a room without bath.....	\$8.00
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Regular trains returning to Champaign leave Twelfth Street Station, Chicago, at 4:50 p. m., 6:15 p. m., and 9:30 p. m., Saturday, Nov. 5.

## ARCHITECTURE

### Wednesday, November 2

- 8:30 a. m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.
- 9:00 a. m. A STUDY OF THE CITY PLAN OF CHICAGO, and THE LAKE FRONT DEVELOPMENT, under the direction of Mr. C. W. Farrier of the firm of Bennett, Parsons and Frost, 80 East Jackson Boulevard.
- 1:00 p. m. AN INSPECTION OF THE NEW CHAPEL AND MEDICAL GROUP, CHICAGO UNIVERSITY, at Woodlawn and Sixty-first Street.
- 6:00 p. m. Guests of the Illinois Public Utilities Associations for dinner.

### Thursday, November 3

- 8:00 a. m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.
- 8:40 a. m. Take Northwestern train for Lake Forest. The train leaves at 9:00 a. m., arriving at Lake Forest at 9:45 a. m.  
The entire day will be spent in a STUDY OF DOMESTIC ARCHITECTURE.

### Friday, November 4

- 8:30 a. m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.
- 9:00 a. m. A SURVEY OF OFFICE BUILDINGS IN THE LOOP.
- 1:00 p. m. AN INSPECTION OF THE MCKINLOCK CAMPUS of Northwestern University, Chicago Avenue and Lake Shore Drive.
- 3:15 p. m. Arrive at THE UNDERWRITERS' LABORATORIES, 207 East Ohio Street.



## Saturday, November 5

- 8:30 a.m. Assemble in lobby of the FORT DEARBORN  
HOTEL for instructions.
- 9:00 a.m. THE ART INSTITUTE AND THE GOODMAN THE-  
ATRE.

## ARCHITECTURAL ENGINEERING

### Wednesday, November 2

- 7:00 a. m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.
- 7:15 a. m. Leave by bus for Buffington, Indiana.
- 8:30 a. m. Arrive at the plant of the UNIVERSAL PORTLAND CEMENT COMPANY.
- 10:15 a. m. Leave by bus for Indiana Harbor, Indiana.
- 10:45 a. m. Arrive at the plant of the INLAND STEEL COMPANY.
- 1:00 p. m. Guests of the Inland Steel Company for luncheon.
- 4:00 p. m. Leave Indiana Harbor by bus for Chicago.
- 6:00 p. m. Guests of the Illinois Public Utilities Association for dinner.

### Thursday, November 3

- 8:00 a. m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.
- 8:15 a. m. Arrive at the STATE BANK BUILDING, Southwest corner of Monroe and LaSalle Streets.
- 10:00 a. m. Arrive at the INSURANCE EXCHANGE BUILDING, SOUTH, Van Buren and Wells Streets.
- 1:00 p. m. Arrive at the ENGINEERS' CLUB, Southwest corner of Wacker Drive and Wells Street.
- 3:00 p. m. Arrive at the CHICAGO EVENING POST BUILDING, adjoining the Engineers' Club.

### Friday, November 4

- 7:30 a. m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.
- 7:45 a. m. Take Clybourn car at Van Buren and Wells for the LASSIG PLANT of THE AMERICAN BRIDGE COMPANY, 2601 Clybourn Avenue.
- 10:00 a. m. Arrive at the plant of the NORTHWESTERN TERRA COTTA COMPANY, 2525 Clybourn Avenue.

- 11:45 a. m. Take surface car to Loop.  
1:15 p. m. Arrive at the 333 BUILDING at 333 North Michigan Avenue.  
3:15 p. m. Arrive at the UNDERWRITERS' LABORATORIES, 207 East Ohio Street.

**Saturday, November 5**

- 7:30 a. m. Assemble in lobby of the FORT DEARBORN HOTEL for instructions.  
8:15 a. m. Arrive at the Monroe Street entrance of the PALMER HOUSE, State and Monroe Streets.  
10:15 a. m. Arrive at the BUILDING MATERIALS EXHIBIT, BUILDERS' BUILDING, Wacker Drive and Wells Street.  
12:00 noon Adjourn.

## CERAMIC ENGINEERING

### Wednesday, November 2

- 7:30 a. m. Leave Majestic Hotel, 11th and Pine Streets, to visit plants of EVENS AND HOWARD FIRE BRICK COMPANY.
- 1:00 p. m. Visit plant of HYDRAULIC-PRESS BRICK COMPANY.
- 3:00 p. m. Visit plant of SUPERIOR ENAMEL PRODUCT COMPANY, 6250 St. Louis Avenue, Wellston.

### Thursday, November 3

- 7:30 a. m. Leave hotel to visit plant of LACLEDE CHRISTY CLAY PRODUCTS COMPANY, 4600 S. Kingshighway.
- 10:00 a. m. Leave for plant of NORTHWESTERN TERRA COTTA COMPANY, 4417 Oleatha Avenue.
- 1:00 p. m. Visit plant of HYDRAULIC-PRESS BRICK COMPANY, 1337 S. Kingshighway.
- 2:30 p. m. Visit plant of LACLEDE CHRISTY CLAY PRODUCTS COMPANY, 5900 Manchester Avenue.

### Friday, November 4

- 7:30 a. m. Leave hotel for plant of NATIONAL ENAMELING AND STAMPING COMPANY, Granite City, Illinois.
- 9:15 a. m. Leave for Alton, Illinois, to visit plant of ALTON BRICK COMPANY.
- 1:00 p. m. Visit plant of ILLINOIS GLASS COMPANY, Alton, Illinois.

## Saturday, November 5

- 7:30 a. m. Leave hotel for plant of MOUND CITY ROOF-  
ING TILE COMPANY, 3301-9 Morgan Ford Road.
- 10:00 a. m. Visit enameling plant of the KOKEN COM-  
PANIES, 3400 Morgan Ford Road.
- 12:30 p. m. Leave St. Louis for Champaign.

## CIVIL ENGINEERING

### Wednesday, November 2

- 6:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL, LaSalle and Van Buren Streets. Take special busses to plant of ILLINOIS STEEL COMPANY at Gary, Indiana.
- 12:00 noon Lunch at or near Y.M.C.A., Gary.
- 1:00 p. m. Take busses to plant of AMERICAN BRIDGE COMPANY at Curtis.
- 4:00 p. m. Take busses to Chicago.
- 6:00 p. m. Dinner in Edison Building Restaurant, 72 W. Adams Street, given by the ILLINOIS PUBLIC UTILITY ASSOCIATIONS.

#### *Special—Sanitary Group Only.*

- 8:00 a. m. Assemble at CHICAGO AVENUE PUMPING STATION and visit the TUNNEL.
- 10:30 a. m. Arrive at EVANSTON FILTER PLANT.
- 1:30 p. m. Arrive at WINNETKA WATER WORKS.
- 3:30 p. m. Arrive at LAKE FOREST WATER WORKS.
- 4:30 p. m. Arrive at HIGHLAND PARK SEWAGE WORKS.

### Thursday, November 3

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Inspect BUILDING CONSTRUCTION in the Loop.
- 1:00 p. m. Lunch at any convenient place.
- 2:00 p. m. Meet at foot of LaSalle Street on Wacker Drive. Visit CHICAGO AVENUE PUMPING PLANT, Michigan Avenue and Chicago Avenue.
- 4:00 p. m. Talks at rooms of WESTERN SOCIETY OF ENGINEERS, Monadnock Building, on traffic and paving problems of Chicago.

#### *Special—Sanitary Group Only.*

- 8:30 a. m. Arrive at office of MILWAUKEE SEWERAGE COMMISSION.

- 1:30 p. m. Arrive at NORTH SIDE SEWAGE TREATMENT WORKS of SANITARY DISTRICT OF CHICAGO.
- 4:30 p. m. Arrive at offices of PEARSE, GREELY AND HANSEN, 6 North Michigan Avenue, Chicago.

### **Friday, November 4**

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Take special busses to CRAWFORD AVENUE STATION of COMMONWEALTH EDISON COMPANY and BY-PRODUCTS PLANT of PEOPLES LIGHT, GAS, AND FUEL COMPANY.
- 12:30 p. m. Take busses to WEST SIDE SEWAGE TREATMENT PLANT of the SANITARY DISTRICT OF CHICAGO. Lunch at the plant.

### **Saturday, November 5**

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Proceed to THIRTY-NINTH STREET SEWAGE PUMPING STATION, foot of Thirty-ninth Street.
- 10:00 a. m. Inspect IMPROVEMENTS OF SOUTH PARK COMMISSION.
- 12:00 noon Disband.

### *Special—Sanitary Group Only.*

- 10:00 a. m. Arrive CHICAGO REDUCTION PLANT.
- 12:00 noon Disband at 39th and Iron Streets.

## ELECTRICAL ENGINEERING

### Wednesday, November 2

- 6:45 a. m. Leave FORT DEARBORN HOTEL, Chicago, in special motor busses for the hydroelectric station of the SANITARY DISTRICT at Lockport.
- 9:30 a. m. Leave in special busses for CRAWFORD AVENUE STATION of Commonwealth Edison Company.
- 12:30 p. m. Leave in special busses for HAWTHORNE WORKS of the Western Electric Company for lunch at invitation of the Company.
- 2:00 p. m. Inspect works.
- 4:30 p. m. Take busses for city.
- 6:00 p. m. Dinner in EDISON BUILDING RESTAURANT, 72 West Adams Street, given by the Illinois Public Utility Associations.
- 8:30 p. m. Leave 209 South WABASH AVENUE STATION for Milwaukee on special electric train of the Chicago, North Shore and Milwaukee R. R.
- 10:45 p. m. Arrive at HOTEL PFISTER, Milwaukee.

### Thursday, November 3

- 8:00 a. m. Assemble at PUBLIC SERVICE BUILDING and take special cars for works of A. O. SMITH CORPORATION.
- 10:00 a. m. Leave in special cars for the WESTINGHOUSE LAMP COMPANY.
- 12:00 noon Take special cars for city.
- 1:30 p. m. Assemble at PUBLIC SERVICE BUILDING for visit to LAKESIDE STATION of the Milwaukee Electric Railway and Light Company.
- 5:00 p. m. Take special cars for city.

### Friday, November 4

- 8:00 a. m. Assemble at PUBLIC SERVICE BUILDING and take special cars for works of ALLIS-CHALMERS MANUFACTURING COMPANY.



- 1:00 p. m. Lunch at ALLIS-CHALMERS CLUB by invitation of Allis-Chalmers Manufacturing Company.
- 4:45 p. m. Take special cars for city.
- 7:30 p. m. Take special train of Chicago, North Shore & Milwaukee Railway for Chicago, stopping to inspect an automatic substation.
- 10:30 p. m. Arrive at FORT DEARBORN HOTEL, Chicago.

**Saturday, November 5**

- 8:15 a. m. Leave VAN BUREN STREET STATION by suburban train of Illinois Central Railroad for South Chicago.
- 9:00 a. m. Enter SOUTH WORKS of the Illinois Steel Company.
- 11:40 a. m. Leave South Chicago for BROOKDALE COMMONWEALTH EDISON SUBSTATION of Illinois Central electrification.
- 12:30 p. m. Party disbands.

## GENERAL ENGINEERING

### Wednesday, November 2

- 6:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL, Van Buren and LaSalle Streets. Take special busses to plant of ILLINOIS STEEL COMPANY at Gary, Indiana.
- 12:00 noon Lunch at or near Y.M.C.A., Gary.
- 1:00 p. m. Take busses to plant of AMERICAN BRIDGE COMPANY at Curtis.
- 4:00 p. m. Take busses to Chicago.
- 6:00 p. m. Dinner in Edison Building restaurant, 72 West Adams Street, given by the ILLINOIS PUBLIC UTILITY ASSOCIATIONS.
- 8:30 p. m. Leave Chicago, North Shore and Milwaukee Railroad Terminal, 209 South Wabash Avenue, for Milwaukee, arriving there at 10:45 p. m. Proceed to the PFISTER HOTEL.

### Thursday, November 3

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the ALLIS-CHALMERS MANUFACTURING COMPANY at West Allis.
- 1:30 p. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the FALK CORPORATION.

### Friday, November 4

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the A. O. SMITH CORPORATION.
- 1:15 p. m. Assemble at the PUBLIC SERVICE BUILDING for a visit to LAKESIDE STATION of the MILWAUKEE ELECTRIC RAILWAY AND LIGHT COMPANY.
- 7:30 p. m. Leave Chicago, North Shore and Milwaukee Railroad Terminal for Chicago, arriving there at 10:30 p. m.

### Saturday, November 5

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL.  
Proceed to THIRTY-NINTH STREET SEWAGE  
PUMPING STATION, foot of Thirty-ninth Street.
- 10:00 a. m. Inspect IMPROVEMENTS OF SOUTH PARK COM-  
MISSION.
- 12:00 noon Disband.

## MECHANICAL ENGINEERING

### Wednesday, November 2

- 7:50 a. m. Assemble at the FORT DEARBORN HOTEL, Van Buren and LaSalle Streets.
- 9:00 a. m. Inspect the CORWITH PLANT of the CRANE COMPANY.
- 1:00 p. m. Assemble at the FORT DEARBORN HOTEL.
- 1:45 p. m. Inspect the TRACTOR WORKS of the INTERNATIONAL HARVESTER COMPANY.
- 6:00 p. m. Dinner in Edison Building restaurant, 72 West Adams Street, given by the ILLINOIS PUBLIC UTILITY ASSOCIATIONS.
- 8:30 p. m. Leave Chicago, North Shore and Milwaukee Railroad Terminal, 209 South Wabash Avenue, for Milwaukee, arriving there at 10:45 p. m. Proceed to the PFISTER HOTEL.

### Thursday, November 3

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the ALLIS-CHALMERS MANUFACTURING COMPANY at West Allis.
- 1:30 p. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the FALK CORPORATION.

### Friday, November 4

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING, via special street cars, for a visit to the plant of the A. O. SMITH CORPORATION.
- 1:15 p. m. Assemble at the PUBLIC SERVICE BUILDING for a visit to LAKESIDE STATION of the MILWAUKEE ELECTRIC RAILWAY AND LIGHT COMPANY.
- 7:30 p. m. Leave Chicago, North Shore and Milwaukee Railroad Terminal for Chicago, arriving there at 10:30 p. m.

**Saturday, November 5**

- 8:15 a. m.** Assemble at the Van Buren Street Suburban Station and take an Illinois Central train for South Chicago.
- 9:00 a. m.** Inspect the SOUTH WORKS of the ILLINOIS STEEL COMPANY.

## **MINING ENGINEERING**

### **Sunday, October 30**

- 1:00 p. m. Leave Champaign for Benton via automobile.
- 8:00 p. m. Arrive Mine Rescue Station, Benton.

### **Monday, October 31**

- 6:45 a. m. Leave Benton for West Frankfort to visit New Orient No. 2 Mine of the Chicago, Wilmington and Franklin Coal Company.
- 1:00 p. m. Visit Mines 8 and 9 of the Old Ben Coal Corporation.
- 6:00 p. m. Return to Benton.

### **Tuesday, November 1**

- 6:30 a. m. Leave Benton for Dowell to visit mine of the Union Colliery Company.
- 12:30 p. m. Leave Dowell for Elkville to visit the strip mine of the Black Servant Coal Company.
- 3:30 p. m. Leave Elkville for Flat River, Missouri.

### **Wednesday, November 2**

- 10:00 a. m. Arrive at Flat River. Inspect mine of the National Lead Company.
- 1:30 p. m. Visit mill and surface plant of the National Lead Company.

### **Thursday, November 3**

- 7:00 a. m. Inspect mines, mills and power plant of the St. Joseph Lead Company.
- 5:00 p. m. Leave Flat River for Iron Mountain, Missouri.

### **Friday, November 4**

- 7:00 a. m. Inspect mines and mill of the Missouri Ore Company, Iron Mountain, Missouri.
- 3:30 p. m. Leave Iron Mountain, Missouri.

## Saturday, November 5

- 8:30 a. m. Visit the blast furnaces, open hearth furnaces and by-product coke plant at the works of the St. Louis Coke and Iron Company and the National Enameling and Stamping Company, Granite City, Illinois.
- 2:00 p. m. Visit the lead smelter of the St. Louis Smelting and Refining Company, Collinsville, Illinois.

## RAILWAY ELECTRICAL AND RAILWAY MECHANICAL ENGINEERING

### Wednesday, November 2

- 7:02 a. m. Take Chicago, South Shore and South Bend railroad train No. 3 to plant of ILLINOIS STEEL COMPANY at Gary, Indiana.
- 12:00 noon Lunch at Gary, Indiana.
- 12:58 p. m. Take South Shore train No. 13 for Michigan City, Indiana.
- 1:44 p. m. Inspect shops of the CHICAGO, SOUTH SHORE AND SOUTH BEND RAILROAD and a mercury-arc substation at Furnesville, Indiana.
- 4:03 p. m. Take train No. 22 on Chicago, South Shore and South Bend Railroad for Chicago.
- 6:00 p. m. Dinner in Edison Building restaurant, 72 West Adams Street, given by the Illinois Public Utility Associations.
- 8:30 p. m. Leave 209 South Wabash Avenue Station for Milwaukee on special electric train of the Chicago, North Shore and Milwaukee Railroad.
- 10:45 p. m. Arrive at Hotel Pfister, Milwaukee.

### Thursday, November 3

- 8:00 a. m. Assemble at Public Service Building and take special cars for works of A. O. SMITH CORPORATION.
- 10:00 a. m. Leave in special cars for the WESTINGHOUSE LAMP COMPANY.
- 12:00 noon Take special cars for city.
- 1:30 p. m. Assemble at Public Service Building for visit to LAKESIDE STATION of the MILWAUKEE ELECTRIC RAILWAY AND LIGHT COMPANY.
- 5:00 p. m. Take special cars for city.



### Friday, November 4

- 8:00 a. m. Assemble at Public Service Building and take special cars for works of ALLIS-CHALMERS MANUFACTURING COMPANY.
- 1:00 p. m. Lunch at Allis-Chalmers Club by invitation of Allis-Chalmers Manufacturing Company.
- 4:45 p. m. Take special cars for city.
- 6:00 p. m. Leave Milwaukee for Chicago on train of Chicago, North Shore and Milwaukee Railroad.
- 8:00 p. m. Arrive at FORT DEARBORN HOTEL, Chicago.

### Saturday, November 5

- 7:45 a. m. Take Illinois Central suburban train at Van Buren Street for Burnside Station, 95th Street.
- 8:30 a. m. Inspect the BURNSIDE SHOPS of the ILLINOIS CENTRAL RAILROAD.
- 12:00 noon Party disbands at Burnside.

# DEPARTMENT OF ARCHITECTURE

## Faculty

PROFESSOR L. C. DILLENBACK  
PROFESSOR C. E. PALMER  
PROFESSOR F. M. <sup>†</sup> ESCHER

## Architects

AYRES, DONALD P.	JOHNSON, B. KENNETH
BRAUN, CARL C.	LESTER, BEMIS
CALDWELL, G. CHAPMAN	LONG, CHESTER V.
CRANE, WM. PIERS, II.	MITCHELL, ROBERT B.
FULLER, E. M.	RATHBUN, ROWLAND
FITCHNER, GENE E.	RICE, RAYMOND F.
GARRETSON, WM. GORDON	SEE, WALTER C.
GILMAN, A. T.	THOMPSON, MAGNUS
HUNT, MELVIN B.	VOELL, RICHARD F.
HORNER, GEORGE LEWIS	WEBER, ROBERT F.

## Architectural Engineers

AIKMAN, W. F.	HOLMSTRAND, F. E.
BREDEHORN, HERBERT D.	IVES, ANDREW M.
BRODARICH, ROMANO F.	JACKSON, JOSEPH F.
BURKHALTER, LOUIS A.	MCDANIEL, CHARLES B.
BURTON, F. R.	PETERSON, D. E.
BUTTERFIELD, D. G.	ROAT, WILLARD O.
CARROLL, MARTIN F.	RUBLE, EMERSON J.
CHEN, Y. H.	SEARCY, EMORY M.
CLINTON, EDGAR THOMAS	SEEPE, PAUL E.
COHEN, SIDNEY B.	STEPHENS, E. M.
DE COSTED, E. L.	ST. JOHN, L. RUSSELL
ENGLISH, J. F.	SUN, LI CHI
GAIRING, GEORGE C.	TIPTON, PAUL H.
GAUGER, G. WILLIAM	YOCKEY, GLEN
GREUBEL, W. G.	YOUNG, PAUL

# DEPARTMENT OF CERAMIC ENGINEERING

## Faculty

PROFESSOR R. K. HURSH

PROFESSOR A. I. ANDREWS

## Graduate Student

W. E. BUDGE

## Seniors

CHRISTENSEN, J. B., JR.

CLEMENS, E. C.

COMMONS, C. H.

FALLON, F. J.

HAMMOND, O. L.

HARMON, C. G.

HAZEN, E. J.

HENSON, W. H.

HOLSCHER, H. H.

MCCOLLOM, P. C.

MCDONALD, E. F.

MOORE, R. S.

MULVANE, O. E.

ORAVEC, J. A.

ROUP, R. R.

SCHOENINGER, I. W.

SCHROEDER, H. S.

SHAW, D. T.

SMITH, K. W. S.

SVEC, J. J.

TETRICK, J. D.

WOLFRAM, G.

# CIVIL ENGINEERING

## Faculty

PROFESSOR W. C. HUNTINGTON  
PROFESSOR HARDY CROSS

PROFESSOR H. E. BABBITT  
PROFESSOR J. S. CRANDELL

## Graduate Student

T. R. HAZELTINE

## Seniors

BAKER, D. C.  
BEAUCHAMP, KEITH  
BEINHAUER, F. H.  
BLONDIN, J. R.  
BROWN, J. C.  
CARTER, W. E.  
CHAMBERLIN, S. J.  
COFFEL, C. S.  
COLLINS, W. L.  
CORDES, H. H.  
COOPER, D. L.  
COX, A. B.  
CROM, A. S.  
DANIELS, M. D.  
DILLON, C. E.  
DOMKE, C. L.  
DUNFORD, J. M.  
EMRICH, D. M.  
FISHER, H. R.  
FLAGG, W. G.  
FRIES, J. M.  
GRAVES, C. S.  
GRONBERG, W. E.  
HALL, H. H.  
HART, R. G.  
HARVEY, T. M.  
HENNINGS, ERNEST  
HERSEY, A. T.  
HRDINA, J. J.  
JOHNSON, D. L.

KLUGE, R. W.  
LI, W. P.  
LINDEMAN, M. F.  
LLOYD, C. V.  
LONDON, LIONEL  
MARRINER, L. M.  
McDANIEL, E. E.  
MEI, E. K.  
MESKIMEN, L. C.  
MILLER, N. R.  
MOORE, C. K.  
MUDGETT, C. T.  
NORVELL, B. E.  
PANG, JOHN  
PEARSON, E. G.  
PETERSON, R. W.  
PLUMMER, R. B.  
REYNOLDS, T. G.  
SANDERSON, T. W.  
SAWYER, W. L.  
SMITH, DAN  
SHATTUCK, W. F.  
STILLER, A. P.  
SUPPIGER, E. W.  
WESTBY, S. H. A.  
WORK, J. B.  
WHITAKER, W. R.  
WINTER, H. L.  
WISELY, W. H.

# DEPARTMENT OF GENERAL ENGINEERING

## Faculty

PROFESSOR H. H. JORDAN

## Seniors

ANDERSON, M. S.	LANDON, R. H.
BISCHMAN, H. W.	LINNARD, I. R.
BUSH, P. R.	LOTZ, R. F.
COLLINS, F. M.	RIDLEY, H. E.
GOUTEVENIER, C. A.	RYERSON, H. E.
HANSEN, F. A.	SMALE, ROBERT
HOVLAND, R. W.	TODD, E. F.
KARCH, W. J.	WAISHWILAS, E. W.
	WOOD, E. F.

# DEPARTMENT OF ELECTRICAL ENGINEERING

## Faculty

PROFESSOR E. B. PAINE	MR. C. A. KEENER
PROFESSOR A. R. KNIGHT	MR. L. B. ARCHER
PROFESSOR E. A. REID	

## Seniors

ALLEN, G. M.	HIERONYMUS, J. W.
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BENNETT, GORDON T.	JASZKOWSKI, HENRY
BERTHOLD, R. E.	KIMBLE, G. E.
BLACK, G. R.	KOEHLER, R. L.
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BROWN, F. W.	KUHLMANN, G. H.
CHAPMAN, A. B.	KURTINAITIS, J. V.
CHENEY, W. B.	LAUDER, F. W.
CHRISTMAN, F. J.	McCULLOUGH, D. B.
CLEMENS, V. A.	MAVITY, W. A.
COOMBE, R. B.	MOORE, H. F.
COX, F. A.	MORRIS, K. R.
CRAINE, S. D.	MORRIS, L. P.
DAY, K. W.	MORTON, G. R.
DOERR, C. G.	NAUMANN, R. C.
DRAKE, H. A.	NIEBERGALL, W. J.
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GEHANT, C. F.	NOEL, E. B.
GOODMAN, D. J.	PARKER, W. N.
GOULD, W. B.	PATE, N. W.
GREENE, G. D.	PERKINS, CECIL
HALLIGAN, E. P.	POLITSCH, V. G.
HAMLETT, R. T.	REBUFFONI, MARTIN
HARTSELL, T. D.	RENKING, H. L.
HERZOG, EDWARD	RICE, W. O.

RICHARDS, S. A.  
ROSBOROUGH, W. C.  
SAMPSON, L. T.  
SCHRADER, J. P.  
SCHWARZLOSE, P. F.  
SIMON, FRANK  
SLOCUM, H. H.  
SOLOMON, M. C.  
SPRINGER, J. C.  
ST. PIERRE, L. C.

SWARTZ, C. W.  
WAGGONER, J. G.  
WALDMAN, E. W.  
WATTS, R. S.  
WICKSTROM, C. S.  
WODRICH, F. W.  
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MANLEY, A. C.  
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Ho, Y. T.  
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MARTIN, H. B.  
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